

INCLINE IMPACT

Packages in the distribution environment experience sudden side impacts caused by unpredictable motion while in transit. To ensure the integrity of the package, the L.A.B. Incline Impact Test System assists in determining the overall durability of the package or product by impacting all four sides on a ten degree incline surface.

TEST WITH CONFIDENCE

L.A.B. Equipment's line of Incline Impact Test Systems simulate the hazards encountered in the distribution environment, such as:

- Rough Handling
- Pallet Marshalling
- Rail Car Switching

Complies with ISTA, ASTM, ISO, MIL STD, and other internationally recognized test standards.

INCLINE IMPACT FEATURES

Efficient Positioning Mechanism

- Reliable and easy to use Pneumatic Positioning System makes it simple to obtain the desired impact velocity

Easy Load Dolly

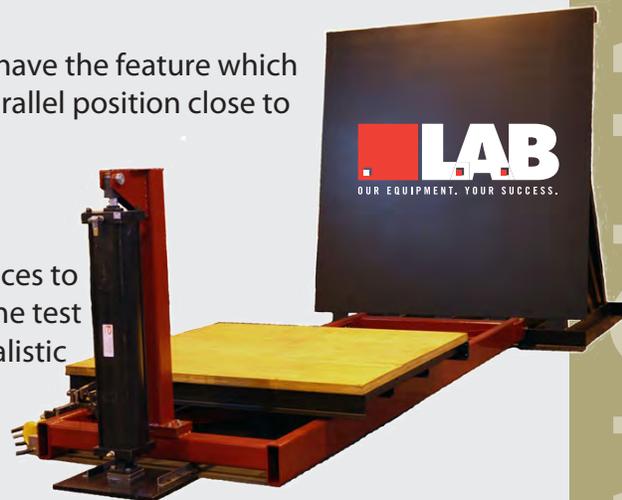
- For ease of loading and unloading, all L.A.B. models have the feature which allows dollies to be loaded with rail assembly in a parallel position close to the floor

Rigid Backstops

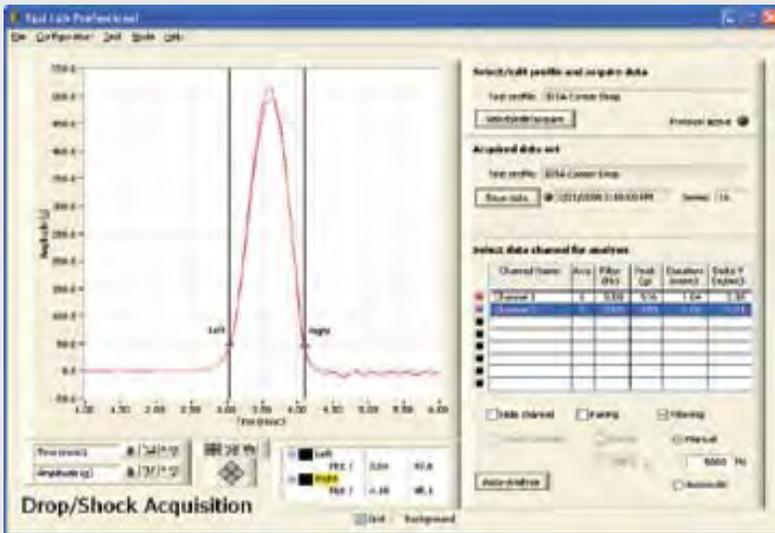
- The Backstop provides rigid, unyielding impact surfaces to ensure that impact forces are applied uniformly to the test specimen. A massive steel framework serves as a realistic impact surface

Fully Assembled

- L.A.B. completely assembles and tests each machine at our factory to ensure trouble-free installation. Installation requires anchoring the machine to the floor, and providing compressed air



TEST LAB PROFESSIONAL (TLP)[™] DATA ACQUISITION SYSTEM: DROP & SHOCK



TEST LAB PROFESSIONAL

- Professional grade data acquisition and analysis system
- Up to 4 channels
- Automatic sampling rate
- Short pulse duration capture
- Automatic or manual triggering
- Low pass data filtering
- 16 bit A/D
- Multi-tool data manipulation

1000 VM - VELOCITY METER

- Product velocity can be displayed in either English or Metric Units
- Optical gate system measures velocity of moving objects such as shock machine carriages, horizontal and incline impact testers, cushion testers, etc.



INCLINE IMPACT SERIES MODEL COMPARISON



Machine Type	I11000	I12000	I14000	I16000	I18000	I110000
Payload Capacity	1000 lbs	2000 lbs	4000 lbs	6000 lbs	8000 lbs	10000 lbs
Impact Face	60 in x 60 in	72 in x 72 in	84 in - 84 in	84 in - 84 in	84 in - 84 in	96 in - 96 in
Dolly Surface Area	48 in x 48 in	60 in x 60 in	72 in x 72 in	72 in x 72 in	72 in x 72 in	84 in - 84 in
Impact Velocity	8ft/sec	8 ft/sec				
Simulates Free Fall Height	18 in					

Due to our continuous commitment to product development, the above specifications and features may be modified without notice.

